

ATTACHMENT A4
Plumbers and Pipefitter APPRENTICESHIP PATHWAY TO A
TECHNICAL ASSOCIATE DEGREE
DATE SUBMITTED 2/11/2016

College: Owens Community College

I. Plumbers & Pipefitter Curriculum (30 credit hours recommended or 50% of degree)

The Plumbers & Pipefitter Apprenticeship curriculum fulfills the 30 semester hour Technical requirement of a Technical Associate Degree.

SKT 139 Plumbing Codes; 2 Semester Hours
SKT 141 Drafting/Blueprint Reading Principles; 2 Semester Hours
SKT 145 Building Print Reading; 2 Semester Hours
SKT 150 Piping Systems; 3 Semester Hours
SKT 159 Pipefitting/Plumbing concepts; 3 Semester Hours
SKT 186 Piping Layout; 2 Semester Hours
SKT 237 Maintenance Tools & Equipment; 3 Semester Hours
WLD 191 Intro to Welding Processes; 2 Semester Hours
WLD 192 SMAW: Flat & Horizontal; 2 Semester Hours
WLD 193 SMAW: Vertical & Overhead; 2 Semester Hours
WLD 261 Pipe Welding; 2 Semester Hours
WLD 262 GMAW Welding; 2 Semester Hours

Technical Electives; 3 Semester Hours

- SKT 238 Rigging; 3 Semester Hours
- SKT 290 Backflow; 2 Semester Hours
- WLD 265 Pipe Welding Pre-Cert & Test; 2 Semester Hours
- WLD 266 GTAW Welding; 2 Semester Hours

Total: 30 Credit Hours

II. Non-Technical Curriculum (30 credit hours recommended or 50% of degree)

Courses are to be from the following:

A. General Education – At least one 3 hour semester course in each area for a total minimum of 15 semester hours.

Area I.	English Composition/Oral Communication – 3 semester hour minimum ENG 111 Composition I –*Ohio Transfer Module (OTM)Course; 3 Semester Hours
Area II.	Mathematics – 3 semester hour minimum — MTH 143 Applied Trade Math; 3 Semester Hours — Covered in Plumbers and Pipefitter curriculum, does not carry OTM transfer guarantee
Area III.	Arts & Humanities – 3 semester hour minimum HUM 100 Intro to the Humanities–*Ohio Transfer Module Course; 3 Semester Hours
Area IV.	Social Sciences – 3 semester hour minimum, PSY 111 Industrial/Organizational Psychology; 3 Semester Hours
Area V.	Natural Sciences/Physics – 3 semester hour minimum — PHY 143 Industrial Physic; 3 Semester Hours — Covered in Plumbers and Pipefitter curriculum, does not carry OTM transfer guarantee Total: 15 Credit Hours
Note: General Education courses can be taken before, concurrently, or after enrollment in the Plumbers and Pipefitters Curriculum.	
B. <u>Basic Education</u> Courses basic to the technical field and closely related to the technical specialty	
IST 100 Fundamentals of Computing; 1 Semester Hour IST 131 Computer Concepts and Apps; 3 Semester Hours LDR 222 Workplace Diversity; 3 Semester Hours BUS 120 Principles of Management; 3 Semester Hours SUP 101 On Being a Supervisor; 1 Semester Hour SUP 102 Managing Yourself; 1 Semester Hour SUP 103 Developing Communication Skills; 1 Semester Hour SUP 104 Leadership; 1 Semester SUP 105 Improving Productivity & Quality; 1 Semester Hour Total: 15 Credit Hours	
Total Credit Hours for the degree: 60	

If a student completes the general education requirements at a different institution from which the plumbers and pipefitters curriculum was completed, the courses are to be transferred back to that institution to complete the Associate Degree.

Signature:



Chief Academic Officer

Steve Robinson, Ph.D
Vice President for Academic Affairs

Date:

2/15/2016